



Engine	Cummins 6LTAA8.9
Rated Power	179 kW (240 hp / 243 ps) @ 2,200 rpm
Net Power	179 kW (240 hp / 243 ps) @ 2,200 rpm
Operating Weight	20,243 kg
Standard Bucket Size	4.0 m ³
Max Breakout Force	180 kN
Standard Dump Clearance	3,252 mm

862H WHEEL LOADER

862H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LTA8.9
Rated Power	179 kW (240 hp / 243 ps) @ 2,200 rpm
Net Power	179 kW (240 hp / 243 ps) @ 2,200 rpm
Peak Torque	1,180 N·m @ 1,400 rpm
Displacement	8.9 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	35 km/h
Maximum Travel Speed, rev	25.9 km/h
Number of Speed, fwd	4
Number of Speed, Rev	3

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±10°

STEERING

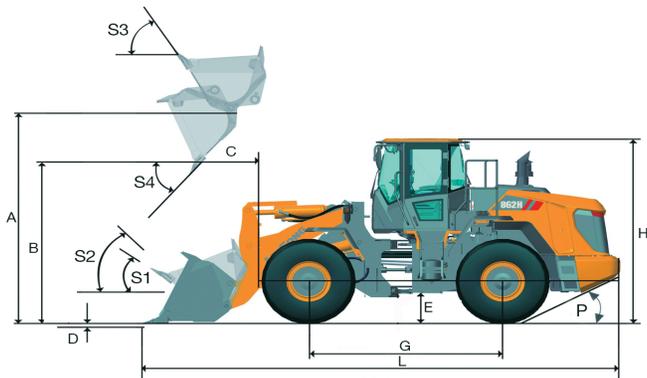
Steering Configuration	Flow Amplifying
Steering Relief Pressure	21 MPa

BRAKES

Service Brake Type	Caliper discs brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Manual air control

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	24 MPa
Raise	5.2 s
Dump Time	1.1 s
Float Down Time	3 s
Hydraulic Cycle Time	9.3 s



LOADER ARM PERFORMANCE WITH STANDARD BUCKET 4.0 m³

Tipping Load - Straight (ISO 14397-1:2007)	16,950 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	14,330 kg
Bucket Breakout Force	180 kN
A Maximum Hinge Pin Height	4,480 mm
B Dump Clearance at Full Height Discharge	3,252 mm
C Dump Reach at Full Height Discharge	1,122 mm
D Maximum Digging Depth, Bucket Level	122 mm
S ₁ Rollback at Ground Level	44.3°
S ₂ Bucket Rollback at Carry	49°
S ₃ Bucket Rollback at Maximum Height	62.4°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	3.0-6.0 m ³
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DIMENSIONS

E Ground Clearance	410 mm
G Wheelbase	3,550 mm
H Cab Height	3,253 mm
J Wheel Tread	2,280 mm
K Width Over Tires	2,880 mm
L Length with Bucket Down	8,740 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	27°
R ₁ Turning Radius, Bucket Carry	7,450 mm
R ₂ Turning Radius, Outside of Tire	6,650 mm
W Width Over Bucket	3,210 mm

TIRES

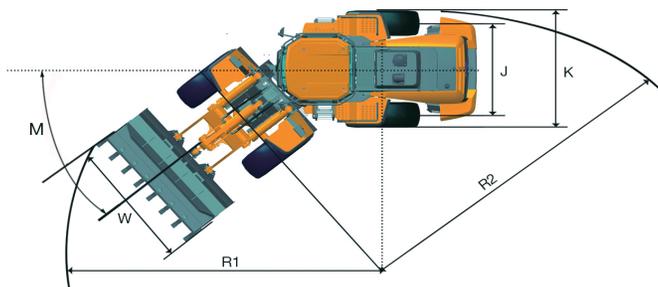
Tire Size	23.5-25 PR24 L-3 TT
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OPERATING WEIGHTS

Operating Weight	20,243 kg
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SERVICE CAPACITY

Fuel Tank	330 L
Engine Oil	28 L
Cooling System	35 L
Hydraulic System	273 L
Transmission and Torque Converter	35 L
Axles, Front/Rear (Each)	43 L



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

11/2024 Designed by LiuGong
Replace the previous versions of 04/2024